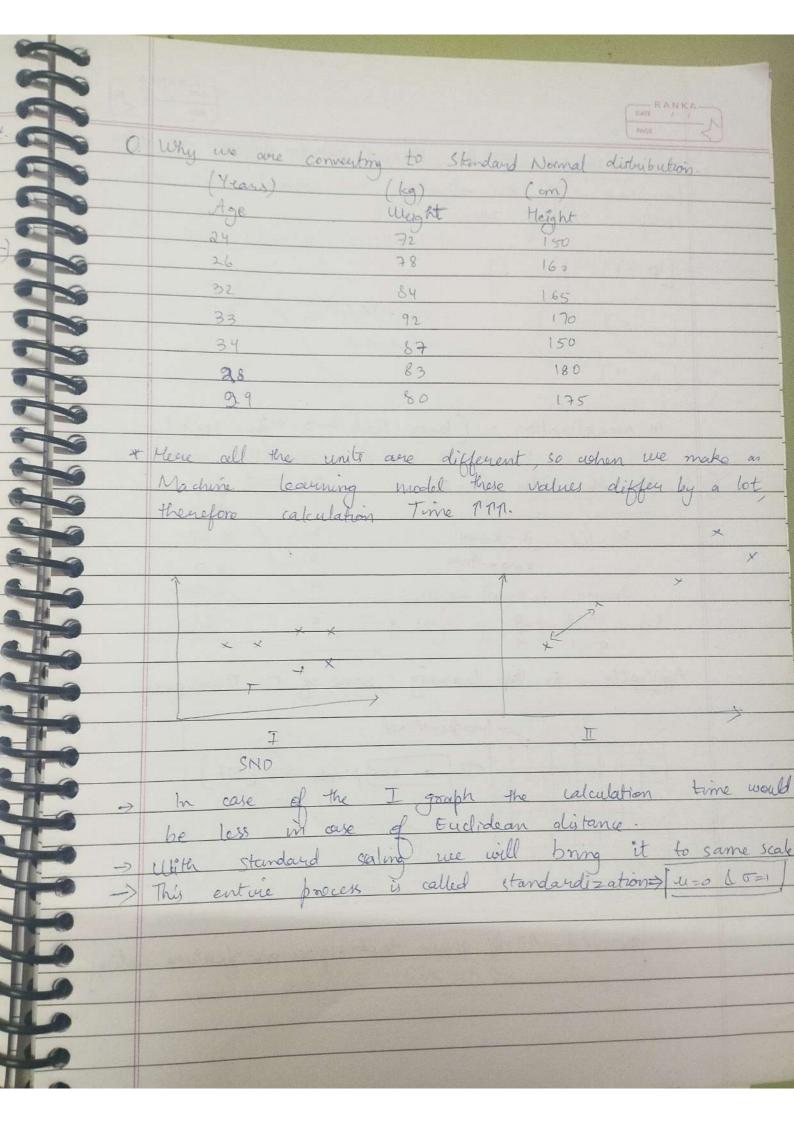
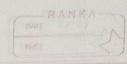


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(P &) plot we can check if distribution is Gaussian or not-* Standard Normal Distailection Assume Random Variable I ? Growsson Distribution with man (4,5) belongs to no can convert x to y = sNO (u=0, 0=1) Inviolen to do it we we z-score Ma f 1, 2, 3, 4, 5} W= 3 8-211 Z = SLOTE = Xi-4 pn=2 1 sue apply it to every variable Sample Size x h=1 $\frac{1}{2-sine} = \frac{x_1^2 - 4}{5} = \frac{1}{5} \frac{1}{2} \frac{2}{3} \frac{3}{5} \frac{4}{15} \frac{5}{5}$ $\frac{1}{5} \frac{1}{2} \frac{2}{3} \frac{3}{5} \frac{4}{15} \frac{5}{5}$ 221-3 = -1.414 J= 1-1414, -0.707,0,0707,414 1 414 Note: - Assumptions of Grangian Distribution well be also opplied have.





NORMALI=ATION => Assumptions of Gramsian Lighthetion not applied. In case of normalization we convert values into specific set of range. [0,-1] [-1-1] In Normalization ~ (bower scale <>> Higher Scale 1) In Min Max Scaler [0-1] X scaled = X-I min Application - in Deep Leasuring, some of MI Techniques > Images => Pixel 0-255 pixels (0-1) Notes :- All of these techniques are feature scaling

